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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RESPONSE TO OFFICE ACTION DATED: 08/29/01

Atty. Docket No. (Opt.)
DUPONT1120-1



Applicant
Michael J. Penberth, et al.

Application Number
09/262,778
For
Method and System for Calibrating the Scan
Amplitude of an Electron Beam Lithography
Instrument
Group Art Unit
2621
Examiner
Chawan, S.

Confirmation Number: 9973

Honorable Asst. Commissioner of Patents
Washington, D.C. 20231

Certification Under 37 C.F.R. § 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on November 29, 2001.

Katherin Cope

Dear Sir:

In response to the Official Action mailed August 29, 2001, Applicants respectfully request the Examiner reconsider the rejections of the Claims in view of the following amendments to the Claims and comments as set forth below. Please amend the Application as follows:

IN THE CLAIMS:

Please substitute the following amended claims for like numbered claims in the existing application. Marked up versions showing changes relative to the previous version of the following claims are included in attached Appendix I.

2. (amended) A method for determining the position of a feature within the scan that is effective at the operating frequency of the scan and using a limited bandwidth video signal, comprising the steps of:

using a sample having a black to white video transition as a reference feature unblanking the beam for a short period;

advancing the unblanked period along the line by a small increment each succeeding

scan;

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